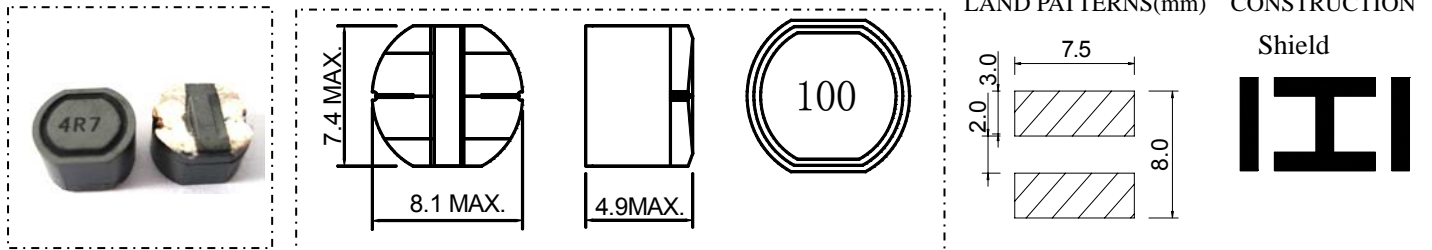


EDR74C

Inductance Range: 4.7 μ H~270 μ H

Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Round 7.8mm, Height 5.0mm Typ.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/PDA/MP3 & MP4 player/Digital camera/DVD etc.
- ★Design to customer requirement

RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr+6	PBBs	PBDEs
<1000ppm	ND	ND	ND	ND



Electrical Characteristics:

Part Number	Test Condition	Inductance (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
EDR74C-4R7M	100KHz/0.3V	4.7	\pm 20	30m	2.80
EDR74C-100M	1KHz/0.3V	10	\pm 20	70m	1.65
EDR74C-120M	1KHz/0.3V	12	\pm 20	70m	1.57
EDR74C-150M	1KHz/0.3V	15	\pm 20	80m	1.39
EDR74C-180M	1KHz/0.3V	18	\pm 20	100m	1.29
EDR74C-220M	1KHz/0.3V	22	\pm 20	130m	1.12
EDR74C-270M	1KHz/0.3V	27	\pm 20	160m	1.06
EDR74C-330M	1KHz/0.3V	33	\pm 20	180m	0.97
EDR74C-390M	1KHz/0.3V	39	\pm 20	180m	0.91
EDR74C-470M	1KHz/0.3V	47	\pm 20	270m	0.80
EDR74C-560M	1KHz/0.3V	56	\pm 20	290m	0.76
EDR74C-680M	1KHz/0.3V	68	\pm 20	330m	0.68
EDR74C-820M	1KHz/0.3V	82	\pm 20	430m	0.62
EDR74C-101M	1KHz/0.3V	100	\pm 20	0.49	0.55
EDR74C-121M	1KHz/0.3V	120	\pm 20	0.68	0.49
EDR74C-151M	1KHz/0.3V	150	\pm 20	0.94	0.44
EDR74C-181M	1KHz/0.3V	180	\pm 20	1.00	0.40
EDR74C-221M	1KHz/0.3V	220	\pm 20	1.18	0.36
EDR74C-271M	1KHz/0.3V	270	\pm 20	1.30	0.33

- 1、Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、Rated Current: The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).